



SWIMMING POOL MAINTENANCE MECHANIC

Purpose:

To actively support and uphold the City's stated mission and values. To lead and participate in a variety of skilled maintenance activities in support of the City's indoor wave pool and indoor and outdoor swimming pool facilities, to include maintenance and repair of hydro-computerized pneumatic wave equipment and a variety of pumps and motors to ensure the water quality of all pool facilities.

Supervision Received and Exercised:

Receives direction from a Community Services Supervisor or from other supervisory or management staff.

Exercises functional and technical supervision over swimming pool maintenance staff.

Examples of Duties:

This class specification is intended to indicate the basic nature of positions allocated to the class and examples of typical duties that may be assigned. It does not imply that all positions within the class perform all of the duties listed, nor does it necessarily list all possible duties that may be assigned.

Duties may include, but are not limited to, the following:

- Maintain proper swimming pool water chemistry to include the calibration and adjustment of chemical dispensers. Clean and calibrate hrr/orp probes. Maintain chlorine, acid and caustic soda pumps. Calibrate proper flow rates. Test water quality using the Langlier index as a standard.
- Monitor pool functions to include reading gauges, graphs, meters and control panels to ensure water quality.
- Repair and maintain hydro-computerized pneumatic wave pool equipment, high-pressure centrifugal blowers, and pneumatic cylinders. Repair pumps, small and large motors, boilers, pipes and valves; repair pool-filtering equipment including water pumps, chemical dispenser systems and chlorine gas chlorinators.
- Clean and inspect wave pool and swimming pool equipment, including hydro-computerized pneumatic wave equipment, pumps, small and large motors, chlorinators, boilers, pipes, valves and gauges; backwash filters; perform preventative maintenance as necessary.

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Revised June 1998

Revised August 2002

Range Adjustment 8/2004

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Swimming Pool Maintenance Mechanic (continued)

- Install and replace pipes, pumps, small and large motors, chemical dispensers, gas pool heaters and underwater light fixtures. Install, replace and rebuild a variety of valves including ball valves, butterfly valves, clay valves, gate valves and electric solenoid valves.
- Install, maintain and repair water slides, diving boards, diving towers, public address systems, surrounding pool areas and decks, resurface diving boards.
- Maintain water features, fountains, spray pads and reflecting ponds to include proper mechanical operation, cleaning and water chemistry.
- Perform construction related work including constructing concrete forms, pouring and finishing concrete, setting and replacing grout in ceramic tile; paint and plaster swimming pools; perform acid washes as needed.
- Requisition swimming pool chemicals and supplies; meet and work with vendors to gather quotes and information on the most updated equipment and supplies available; maintain supply inventory; assist in the purchase of pool equipment to include assisting with purchasing with bid specifications.
- Keep abreast of all pertinent safety procedures and OSHA standards; ensure that all staff are informed and trained regarding safety procedures; post safety procedures for the general public. Maintain knowledge about and have the ability to apply the Maricopa County Health Code requirements as they relate to commercial municipal swimming pool and water feature operations.
- Communicate in writing as well as orally, in a clear, professional manner.
- Perform related duties as assigned.

Experience and Training Guidelines:

Any combination of experience and training that would likely provide the required knowledge and abilities is qualifying. The hiring department may include job related experience, training or license and certification preferences at the time of recruitment. A typical way to obtain the knowledge and abilities would be:

Experience:

Five years of commercial experience in the care, maintenance and repair of both indoor and outdoor swimming pools and related equipment to include such things as hydro-computerized pneumatic wave equipment, pneumatic bulk head equipment, commercial grade waterslides, or other commercial comprehensive family aquatic equipment.

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Swimming Pool Maintenance Mechanic (continued)

Training:

Equivalent to the completion of the twelfth grade, supplemented by specialized training in aquatic facility maintenance and repairs.

Special Requirements:

Must be able to maintain uninterrupted summer availability (limited vacation) from Memorial Day through Labor Day.

Licenses/Certifications:

May require the possession of, or ability to obtain an appropriate, valid Arizona driver's license.

Possession of, or ability to obtain, a Pool/Spa Operator certification through the National Swimming Pool Foundation or an Aquatics Facility Operator certification through the National Recreation Parks Association.

Possession of, or ability to obtain, Scuba Diving certification.

This position is included in the City's classified service, pursuant to City of Tempe Personnel Rules and Regulations, Rule 1, Section 103.

Job Code: 9320

Salary Range: 27

FLSA: Non-Exempt